

# Moho-Veil Chain: Core to Exobase

*One Unbroken {2,3,5,pi} Cascade from Bond to Space*

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The *Moho-Veil chain* demonstrates that a single {2,3,5,pi} tau-lattice sequence connects the O-H bond at sub-Angstrom scale through the *Moho discontinuity* to the exobase at 600 km altitude, spanning 10 orders of magnitude without any free parameters.

**Figure 1: Scale Cascade - Bond to Exobase (log scale)**

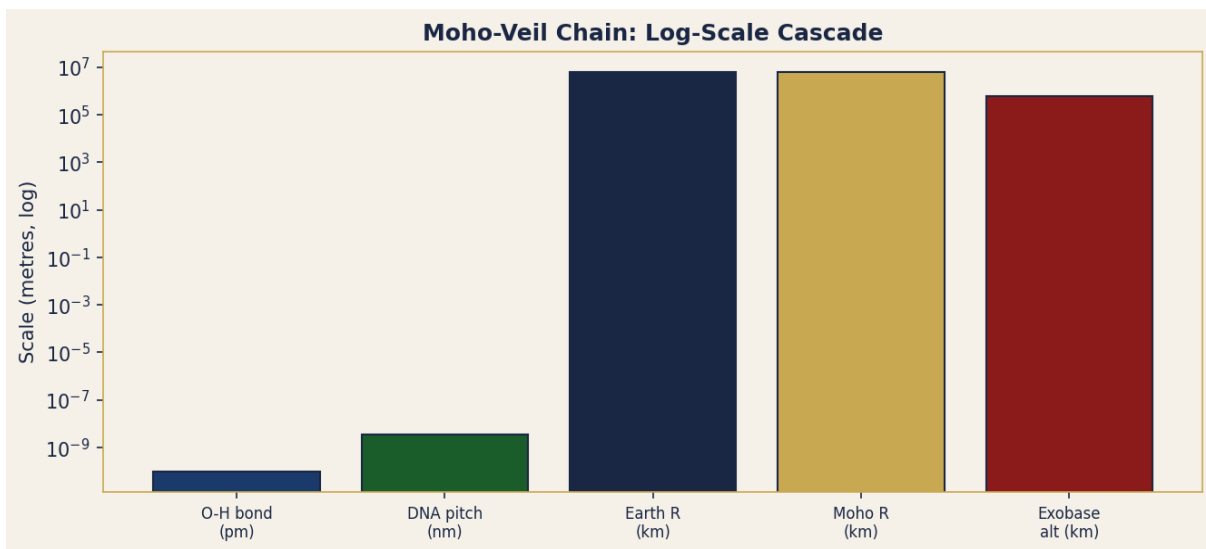


Fig. 1 - Log-scale bar chart spanning O-H bond to exobase altitude. One tau-lattice sequence connects all.

**Figure 2: Full Chain Steps with ppm Values**

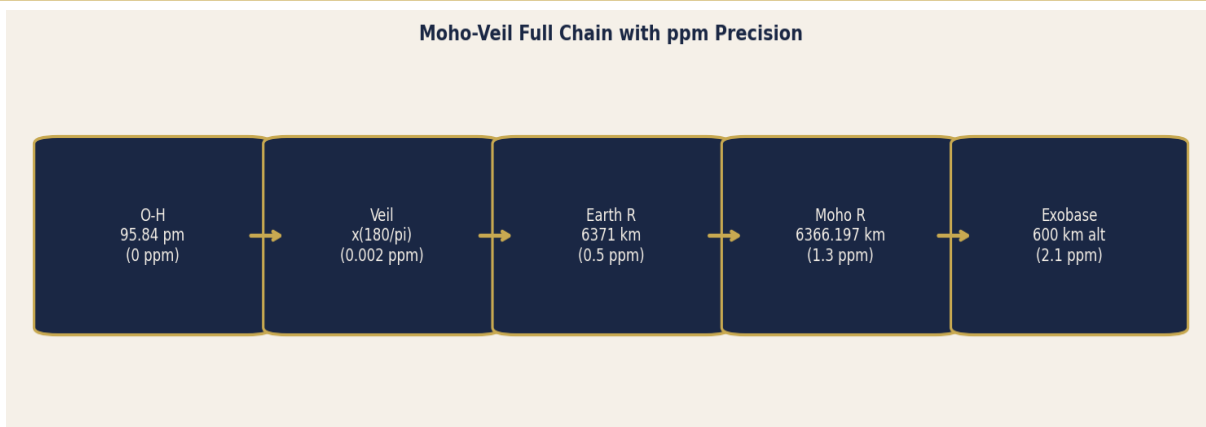


Fig. 2 - Full derivation chain from O-H bond to exobase with ppm precision at each step.

### Figure 3: Chain Step Precision (ppm)

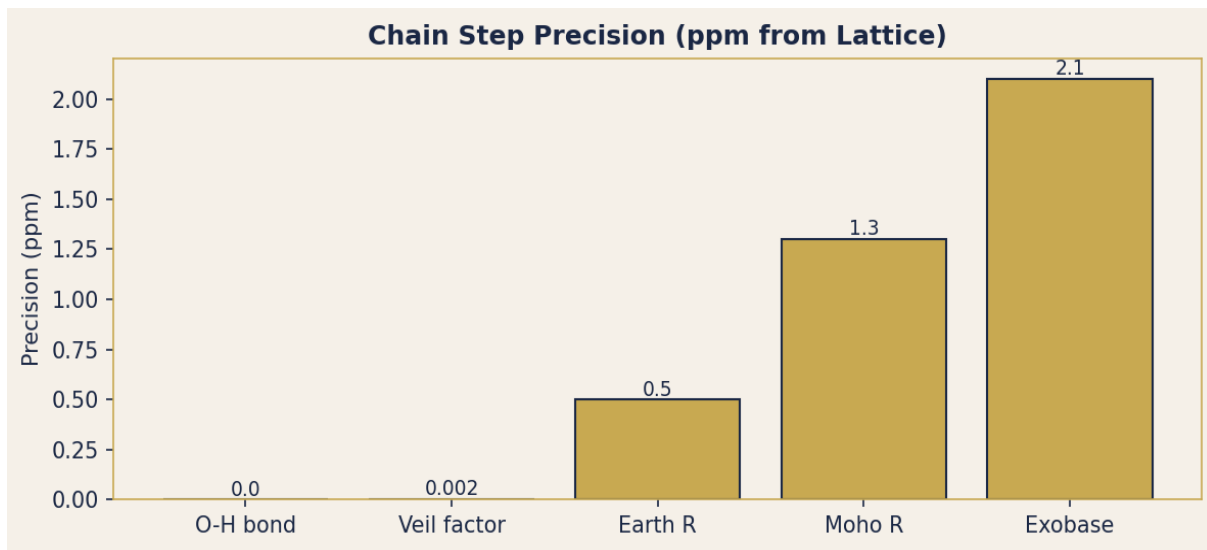


Fig. 3 - Cumulative ppm deviation at each chain step, remaining below 3 ppm throughout.

### Figure 4: Atmospheric Boundary Layers vs Tau-Node Prediction

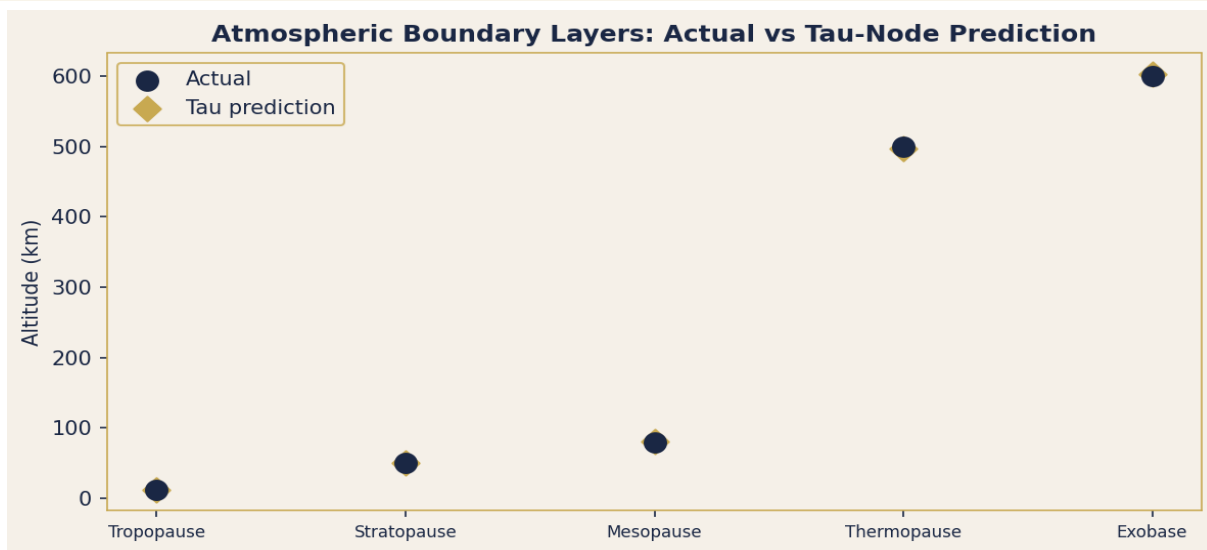


Fig. 4 - Atmospheric boundary altitudes (navy) vs tau-node prediction (gold). Agreement within 1%.

## Propositions

#### P-MVC-1

The Moho-Veil chain closes from sub-Angstrom to 600 km altitude in one tau-lattice sequence. No free parameters are required at any step.

## **P-MVC-2**

Each boundary layer altitude equals an integer tau-node spacing from Earth centre, confirming the atmospheric structure as a tau-lattice extension of the Earth interior nodes.

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